Holmes
DISTRICT BULLETIN

2021 - 2022
HOLMES COMMUNITY COLLEGE

Amendment Number IV to the 2021-2022 HCC Bulletin

Page 28   Revise "Transfer Credits" section.

TRANSFER CREDITS

Only credits transferred from an institute which is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) (or an equivalent regional accrediting agency) will be accepted by Holmes Community College. The cumulative totals of hours attempted, hours passed, and quality point average will be reproduced on the permanent record of Holmes Community College.

Transfer work is evaluated when an official transcript is received by the Holmes Community College Articulation Office. The College reserves the right to accept or disregard credits earned at another institution of higher learning. Articulated credit and credit by examination awarded by other institutions is not considered for transfer credit until official transcripts from each institution and/or official exam scores are provided so that Holmes can complete an evaluation.

To meet the graduation requirements for an associate degree, transfer students must have a grade point average of 2.00 ("C" average) on all hours applied to the degree. For the purposes of all computations, only transcripts from colleges accredited by SACSCOC (or an equivalent regional accrediting agency) will be used. Hours and quality points from colleges not accredited by SACSCOC (or an equivalent regional accrediting agency) will be disregarded since this credit will not apply toward the degree.

Page 133, 170, and 180   Revise Title for "Pre-Physician Assistant Studies".
Changing from "Pre-Physician Assistant Studies" to "Pre-Physician Associate/Assistant Studies".

Page 217   Revise "Prior Enrollment in Nursing Courses/Readmission limitations" section under the "Progression Statement" heading.

Prior Enrollment in Nursing Courses/ Readmission Limitations -Any student who has been previously enrolled in any nursing program must contact the Office of the Holmes Community College Associate Degree Nursing Program. Any student who has been withdrawn from, voluntarily withdrew from, or was unsuccessful in any nursing course has one opportunity for readmission. Any student with two (2) withdrawals or failures from any nursing course is not eligible for readmission.

Page 279 and 304   **Add New Course "COM/SPT 2173 – Interpersonal Communication"**

COM/SPT 2173 – Interpersonal Communication (Prerequisite: COM/SPT 1113).
Theory and Analysis of dyadic relationships (one-on-one interactions). The course explores topics such as perception, listening, conflict management, relationship building and maintenance, and relational power. Three hours lecture. Three hours credit.

SPT/COM 2173 – Interpersonal Communication (Prerequisite: SPT/COM 1113).
Theory and Analysis of dyadic relationships (one-on-one interactions). The course explores topics such as perception, listening, conflict management, relationship building and maintenance, and relational power. Three hours lecture. Three hours credit.

Page 303   **Add New Course "SOC 2513 – Race and Ethnic Relations"**

SOC 2513 – Race and Ethnic Relations.
This course examines social and economic conditions among racial and ethnic groups. Three hours lecture. Three hours credit.

Page 133, 170, after 181   Add New Program of Study under Health Sciences Pathway, Health-Related Pathway "Pre-Speech Pathology/Communicative Sciences".

Health Sciences Pathway
Health-Related Pathway
Pre-Speech Pathology/Communicative Sciences

First Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	Statistics	MAT 2323
General Biology I	BIO 1134	General Biology II	BIO 1144
General Psychology	PSY 1513	Public Speaking I	SPTCOM 1113
*Foreign Language (Continuous)	3	*Foreign Language (Continuous)	3
Total	16 hrs.	Total	16 hrs.

Second Year

First Semester		Second Semester	
Anatomy & Physiology I	BIO 2514	Anatomy & Physiology II	BIO 2524
Introduction to Sociology	SOC 2113	**Natural Science w/Lab	4
History Elective (Continuous)	3	History Elective (Continuous)	3
Literature Elective	3	Humanities Elective	3
*Foreign Language (Continuous)	3	Fine Arts Elective	3
Total	16 hrs.	Total	17 hrs.

Consult with your chosen transfer university/college to determine changes to this curriculum.

*Foreign Language: 6 – 12 hours are required for B.A.

**Natural Science Electives: CHE 1211/CHE 1213, PHY 2244, PHY 2254, PHY 2414

*Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Page 143   Revise Program of Study "Communications/Journalism/Mass Communications".

Arts/Humanities/Language Pathway
Language Pathway
Communications/Journalism/Mass Communications

First Year

First Semester			Second Semester		
English Composition I	ENG 1113		English Composition II	ENG 1123	
College Algebra	MAT 1313		Public Speaking I	SPT/COM 1113	
**Fine Arts Elective		3	General Psychology	PSY 1513	
History Elective		3	History Elective		3
**Foreign Language (Continuous)		3	**Foreign Language (Continuous)		3
*Elective		1 to 3	*Elective		1 to 3
Total		16-18 hrs.	Total		16-18 hrs.

Second Year

First Semester			Second Semester		
Intro to Sociology	SOC 2113		Intro to Philosophy I	PHI 2113	
American National Gov't	PSC 1113		**Foreign Language (Continuous)		3
Natural Science w/Lab		4	Natural Science w/Lab		4
**Literature Elective		3	*Elective		3
Interpersonal Communication	SPT/COM 2173		*Elective		3
Total		16 hrs.	Total		16 hrs.

**Consult with your chosen transfer university/college to determine changes to this curriculum.

*It is strongly recommended that a student who chooses this major enrolls in a College Publications course (options below), whether it be Newspaper or Yearbook. This offers a practical application of skills learned.
Suggested Courses:
JOU 1111, 1121, 2111, 2121 College Publications I, II, III, IV Yearbook (*Horizons*) or Newspaper (*The Growl*)
JOU 1112, 1122, 2112, 2122 College Publications I, II, III, IV Newspaper (*Growl and Grid*)
JOU 1313 News Writing and Reporting I
JOU 1323 News Writing and Reporting II

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Page 239   Revise Program of Study "Surgical Technology Program".

Health Science Programs Pathway
Surgical Technology Program

The student must complete and pass the first year courses as prerequisites for admission into the Surgical Technology Program at Holmes Community College.

First Year

First Semester			Second Semester	
English Composition I	ENG 1113		*College Algebra	MAT 1313
Anatomy & Physiology I	BIO 2514		Anatomy & Physiology II	BIO 2524
Humanities/Fine Arts	3		Social/Behavioral Science	3
**Approved Electives	6		**Approved Electives	5
Total	16 hrs.		Total	15 hrs.

Second Year

First Semester			Second Semester	
Fund/Surgical Tech	SUT 1113		Basic & Related Surgical	
Principles of Surgical			Procedures	SUT 1518
Technique	SUT 1217		Specialized Surgical	
Surgical Anatomy	SUT 1314		Procedures	SUT 1528
Surgical Microbiology	SUT 1413			
Total	17 hrs.		Total	16 hrs.

Third Semester

Advanced Surgical Procedures				SUT 1539
			Total	9 hrs.

An AAS Degree may be earned at this point.

*MAT 1233 & a natural science with lab (7 hrs. total) OR BOT 1313 & a natural science with lab (7 hrs. total) may be substituted for College Algebra.

**Approved Electives: BIO 1134, BIO 1144, BIO 1613, BIO 1813, BIO 2924, BOT 1613, BOT 1623, CHE 1213 with CHE 1211, EPY 2513, EPY 2523, EPY 2533/PSY 2533, HPR 1213, HPR 1223, HPR 2213, MUS 1113, PSY 1513, SOC 2113, SOC 2143, SSP 1002, SUT 1703, or Work-Based Learning.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Surgical Technology Program is an instructional program that prepares an individual to serve as a member of the surgical team to work with surgeons, anesthesiologists and certified registered nurse anesthetists, registered nurses, and other surgical personnel in delivering patient care and assuming appropriate responsibilities before, during, and after surgery. This program includes the education of all aspects of surgical technology including the role of second assistant & circulators.

The Surgical Technology Program offers classroom and clinical experiences for the entry-level surgical technologist which includes courses in aseptic technique, operative procedures, patient care, anatomy and physiology, microbiology, pharmacology, medical terminology, medical/legal aspects, technological sciences (computer, electricity & robotics), and related general education to help the student fulfill his/her role as an important, knowledgeable member of the surgical team.

The goal of the Surgical Technology Program at Holmes College is to prepare competent entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. Further, the Surgical Technology Department will provide students with the opportunity to develop skills and knowledge necessary to gain employment as a surgical technologist and become a contributing member of the healthcare team.

The Associate of Applied Science Degree in Surgical Technology will be awarded the successful graduate of the 24-month program. Qualified graduates may apply to the National Board of Surgical Technology and Surgical Assisting (NBSTSA), to take the Surgical Technologist Certifying Examination to become a Certified Surgical Technologist.

Successful completion of any semester of study must include 75% mastery of each subject in order to progress to the next semester. Some courses may require training at local clinical facilities. Graduation requirements include completion of the prescribed clock hours as mandated by the Mississippi Community College Board. The Surgical Technologist Program at Holmes Community College is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org), upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA). The address for the commission is as follows:

Commission on Accreditation of Allied Health Education Programs
25400 U.S. Highway 19 North, Suite 158
Clearwater, FL 33763
727-210-2350

The Surgical Technology Department provides surgical technologists to meet the needs of hospitals and other health facilities in the nine-county district of Holmes Community College as well as surrounding counties. The program provides education in the applied roles of all aspects of surgical technology so graduates are prepared to serve as a member of the surgical team to assist in delivering patient care and to assume appropriate responsibilities before, during and after surgery.

Pages 243 – 255   Revise all *Industrial Studies Pathway* Programs of Study to adopt *General Education Core* requirements as outlined in Bulletin page 41 and implement *SSP 1002 Smart Start Pathway* course in all programs of study.

Industrial Studies Pathway
Automotive Technology

First Year

First Semester		Second Semester	
Basic Electrical Systems	ATT 1124	Adv. Electrical Systems	ATT 1134
Brakes	ATT 1214	Engine Repair	ATT 1715
Engine Performance I	ATT 1424	Engine Performance II	ATT 2434
Safety & Employ Skills	ATT 1811	Special Problems/Auto	ATT 2914
Smart Start Pathway	SSP 1002		
Total	15 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Manual Drive Trains	ATT 1313	English Composition I	ENG 1113
Auto Trans/Transaxles	ATT 2324	English Composition II	ENG 1123
Steering & Suspension	ATT 2334	OR Public Speaking I	SPT/COM 1113
Engine Performance III	ATT 2444	OR Social/Behavioral Science	3
		College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

The Automotive Technology program is an instructional program that prepares individuals to engage in the servicing and maintenance of all types of automobiles. Instruction includes the diagnosis of malfunctions of all eight areas of ASE/NATEF certification (Engine Repair, Electrical & Electronic Systems, Engine Performance, Brakes, Steering & Suspension Systems, Manual Drive Trains & Axles, Automatic Transmissions &Transaxles, Heating & Air Conditioning). Automotive Technology may be taught as either a Technical Certificate program, an Advanced Technical Certificate program, or an AAS Degree program. The curriculum for Postsecondary Automotive Technology is based upon the task list published in ASE Certification for Automobile Training Programs and the National Automotive Technicians Education Foundation, Inc. (NATEF). This task list serves as a national standard for certification of automobile technician training programs and is regularly reviewed and validated by technicians and engineers in the automotive industry.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Collision Repair Technology

First Year

First Semester		Second Semester	
Struc & Repair I	ABT 1146	Struc & Repair II	ABT 1153
Non-Struc & Repair I	ABT 1223	Non-Struc & Repair II	ABT 1236
Refinishing I	ABT 1313	Refinishing II	ABT 1323
Mechan & Component I	ABT 1443	Mechan & Component II	ABT 1453
Smart Start Pathway	SSP 1002		
Total	**17 hrs.**	**Total**	**15 hrs.**

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Struc & Repair III	ABT 2163	English Composition I ENG 1113	
Non-Struc & Repair III	ABT 2243	English Composition II ENG 1123	
Refinishing III	ABT 2336	OR Public Speaking I SPT/COM 1113	
*Approved Technical Elective	3	OR Social/Behavioral Science	3
		College Algebra MAT 1313	
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	**15 hrs.**	**Total**	**15-16 hrs.**

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

Collision Repair Technology is an instructional program designed to prepare students for entry-level into the collision repair and refinishing trade. Upon completion of this program, the students will be prepared for beginning positions as body, frame, and refinish technicians. Students will be provided theory and practical repair and refinish work beginning with basic applications and progressing on to heavy collision repairs requiring major body and frame alignment and panel replacement. The instruction includes all phases necessary to teach collision repair including glass replacement, welding, hardware and trim items replacement, cosmetic repairs, and structural repairs. Industry standards referenced are from the 2016 ASE/NATEF Collision Repair & Refinish Standards (Painting and Refinishing, Non-Structural and Structural Analysis and Damage Repair, Mechanical & Electrical Components).

*Approved Technical Electives: ENT 1154, ATT 1124, ACT 1003, IMM 1113, WLT 1173, WBL 1913, or as approved by advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Engineering Technology
Architectural Engineering Technology

First Year

First Semester		Second Semester	
Graphic Communications	ENT 1113	Elementary Surveying	ENT 1413
Computational Methods	ENT 1123	Architectural Design I	ENT 1613
Spreadsheet App	ENT 1183	Structural Drafting	ENT 2233
Materials	ENT 1213	BIM/Parametric Model	ENT 2353
Principles of CAD	ENT 1313	Architectural Design II	ENT 2623
Cost Estimating	ENT 2243	Architectural Rendering	ENT 2643
Total	18 hrs.	Total	18 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
*English Composition I	ENG 1113	*English Composition II	ENG 1123
Blue Print Reading	ENT 1533	OR *Public Speaking I SPT/COM 1113	
Smart Start Pathway	SSP 1002	OR *Social/Behavioral Science	3
**Approved Technical Electives	4	*College Algebra	MAT 1313
		OR *Natural Science w/Lab	4
		*Humanities/Fine Arts	3
		*Social/Behavioral Science	3
Total	***12 hrs.	Total	***12/13 hrs.

An Advanced Technical Certificate may be earned at this point.

***An AAS Degree may be earned at this point
for successful completion of these academic courses
in addition to the technical courses.**

The **Architectural Engineering Technology** program educates students in the process of producing design projects from schematics through construction. The program is designed to prepare its graduates for employment in architectural related firms, including architectural offices, design building firms, engineering firms, governmental agencies, real estate developers, planning offices, and architectural material suppliers and manufacturers. The program offers a Technical Certificate, an Advanced Technical Certificate, and AAS Degree in Architectural Engineering Technology. Graduates may have the option of transfer leading to a Bachelor of Science Degree (BS) in Architectural Engineering Technology.

**Approved Technical Electives: ENT 1154, ENT 1323, ENT 2133, ENT 2263, ENT 2713, ENT 2723, ENT 291(1-3), Work-Based Learning

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

***Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Engineering Technology
Construction Technology

First Year

First Semester		Second Semester	
Graphic Communications	ENT 1113	Spreadsheet App	ENT 1183
Computational Methods	ENT 1123	Architectural Design I	ENT 1613
Materials	ENT 1213	Civil Drafting	ENT 2153
Build Codes & Const Doc	ENT 1243	Grading & Drainage	ENT 2463
Principles CAD	ENT 1313	Architectural Design II	ENT 2623
Elementary Surveying	ENT 1413	Smart Start Pathway	SSP 1002
Total	18 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point

Second Year

First Semester		Second Semester	
*English Composition I	ENG 1113	*English Composition II	ENG 1123
*College Algebra	MAT 1313	OR*Public Speaking I	SPT/COM 1113
OR *Natural Science w/Lab	4	OR*Social/Behavioral Science	3
Cost Estimating	ENT 2243	*Humanities/Fine Arts	3
Architectural Rendering	ENT 2643	*Social/Behavioral Science	3
		**Approved Technical Elective	4
Total	***12/13 hrs.	Total	***13 hrs.

An Advanced Technical Certificate may be earned at this point.

*An AAS Degree may be earned at this point
for successful completion of these academic courses
in addition to the technical courses.

The **Construction Engineering Technology** program emphasizes the management aspects of the construction industry. The key professional in this area of expertise is the construction manager who has the responsibility for planning, scheduling, and building projects designed by architects and engineers. Graduates of this program are employed in both office and field positions in the commercial, industrial, utility, highway, and residential markets. The program offers a Technical Certificate, an Advanced Technical Certificate, and AAS Degree in Construction Technology. Graduates may have the option of transfer leading to a Bachelor of Science Degree (BS) in Construction Technology.

**Approved Technical Electives: ENT 1154, ENT 1233, ENT 1523, ENT 2133, ENT 2453, ENT 2723, ENT 291(1-3), WBL 191(1-3) and WBL 192(1-3)

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/or reading.

***Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Engineering Technology
Drafting & Design Technology

First Year

First Semester			Second Semester		
Engineering Graphics	DDT 1163		Mechanical Design I	DDT 1173	
Const Standards/Materials	DDT 1213		CAD II	DDT 1323	
CAD I	DDT 1313		Architectural Design I	DDT 1613	
Smart Start Pathway	SSP 1002		*Approved Technical Electives	6	
*Approved Technical Electives	4				
Total	15 hrs.		Total	15 hrs.	

A Technical Certificate may be earned at this point.

Second Year

First Semester			Second Semester		
Civil Planning and Design	DDT 2153		English Composition I	ENG 1113	
Structural Detailing I	DDT 2213		English Composition II	ENG 1123	
3D Modeling	DDT 2373		OR Public Speaking I	SPT/COM 1113	
*Approved Technical Electives	6		OR Social/Behavioral Science	3	
			College Algebra	MAT 1313	
			OR Natural Science w/Lab	4	
			Humanities/Fine Arts Elective	3	
			Social/Behavioral Science	3	
Total	15 hrs.		Total	15/16 hrs.	

An Advanced Technical Certificate may be earned at this point.   **An AAS Degree may be earned at this point.**

The **Drafting & Design Technology** program of study is designed to provide specialized occupational instruction in all phases of drafting technology in order to prepare students for positions in the drafting field. A combination of class work and laboratory experience is stressed. Instruction includes computer aided design, architectural design, civil planning, 3-D modeling, and manufacturing.

Upon successful completion of this curriculum, the graduate will earn a Technical Certificate, an Advanced Technical Certificate, or an Associate of Applied Science Degree (AAS) in Drafting & Design Technology. The curriculum may also have the option of transfer to a four-year university offering a related course of study thereby leading to a Bachelor of Science Degree (BS).

*Approved Technical Electives: BOT 1113, 1133, DDT 1143, 1153, 1413, 1513, 1523, 1713, 1813, 2233, 2243, 2253, 2263, 2273, 2353, 2363, 2523, 2623, 2713, 2813, 2823, 291(1-3), ENT 1154, 1183, 1223, 1413, 2243, 2613, IMM 1313, 1373, 2613, WBL 191(1-3), & WBL 192(1-3), or electives approved by advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Engineering Technology
Industrial Engineering Management Technology

First Year

First Semester		Second Semester	
Graphic Communications	ENT 1113	Fund/Management	ENT 1173
Computational Methods	ENT 1123	Spreadsheet App	ENT 1183
Intro/Indus Engineering	ENT 1163	Design/Manufacturing	ENT 1823
Materials	ENT 1213	Quality Assurance	ENT 2263
Principles of CAD	ENT 1313	Facilities Planning	ENT 2273
Manufacturing Process	ENT 1833	Smart Start Pathway	SSP 1002
Total	18 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
*English Composition I	ENG 1113	*English Composition II	ENG 1123
*College Algebra	MAT 1313	OR *Public Speaking I	SPT/COM 1113
OR Natural Sciene w/Lab	4	OR *Social/Behavioral Science	3
Basic Industrial Safety	ENT 1154	*Humanities/Fine Arts	3
Cost Estimating	ENT 2243	*Social/Behavioral Science	3
		**Approved Technical Elective	4
Total	***13/14 hrs.	Total	***13 hrs.

An Advanced Technical Certificate may be earned at this point.

***An AAS Degree may be earned at this point
for successful completion of these academic courses
in addition to the technical courses.**

The Industrial Engineering Management Technology program is designed to prepare students to meet the growing demands of industry for employees with expertise in manufacturing processes, statistical quality control, production management, automation, and computer-aided manufacturing. The program offers a Technical Certificate, an Advanced Technical Certificate, and AAS Degree in Industrial Engineering Management Technology. Graduates may have the option of transfer leading to a Bachelor of Science Degree (BS) in Industrial Engineering Technology.

**Approved Technical Electives: ENT 1243, ENT 1713, ENT 2133, ENT 2453, ENT 2613, ENT 2723, ENT 291(1-3), WBL 191(1-3) and WBL 192(1-3)

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/or reading.

***Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Engineering Technology
Industrial Technology

First Year

First Semester		Second Semester	
Graphic Communications	ENT 1113	Basic Industrial Safety	ENT 1154
Industrial Power Tools	ENT 1223	Forging and Welding	ENT 2323
Principals of CAD	ENT 1313	Advanced CAD	ENT 2343
Blueprint Reading	ENT 1533	Comp Numerical Contrl	ENT 2363
Basic Electric/Electron	ENT 1814	Prin/Manufact Manage	ENT 2443
		Program Logic	ENT 2613
Total	16 hrs.	Total	19 hrs.

A Technical Certificate may be earned at this point

Second Year

First Semester		Second Semester	
Spreadsheet App	ENT 1183	English Composition I	ENG 1113
Cost Estimating	ENT 2243	English Composition II	ENG 1123
Smart Start Pathway	SSP 1002	OR Public Speaking I	SPT/COM 1113
*Approved Technical Electives	6	OR Social/Behavioral Science	3
		College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts	3
		Social/Behavioral Science	3
Total	**14 hrs.	Total	15/16 hrs.

An Advanced Technical Certificate may be earned at this point.	**An AAS Degree may be earned at this point.**

The **Industrial Technology** program is designed for students who want to prepare for employment leading to supervisor, administrative, and other management positions in the production areas of industry or into industrial distribution, wholesale level sales, distribution and/ or installation of industrial products and equipment. The program offers a Technical Certificate, an Advanced Technical Certificate, and AAS Degree in Industrial Technology. The curriculum also has the option of transfer to MSU offering a related course of study from the College of Education, thereby leading to a Bachelor of Science Degree (BS) in Industrial Technology.

*Approved Technical Electives: ENT 1123, ENT 1213, ENT 2263, ENT 2523, ENT 2723, ENT 291(1-3), Work Based Learning

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

**Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Engineering Technology
Interior Design Technology

First Year

First Semester		Second Semester	
Graphic Communications	ENT 1113	Intermediate CAD	ENT 1323
Principles of CAD	ENT 1313	Advanced CAD	ENT 2343
Principles of Design	ENT 1513	Intermediate Design	ENT 2523
Visual Commun/Design	ENT 2513	Adv. Visual Lit/Design	ENT 2563
Design Materials & Install	ENT 2533	Portfolio Development	ENT 2572
Visual Literacy in Design	ENT 2543	Architectural Rendering	ENT 2643
Total	18 hrs.	Total	17 hrs.

Summer School
Internship/Special Project - ENT 159(1-3)

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
*English Composition I	ENG 1113	*English Composition II	ENG 1123
*College Algebra	MAT 1313	OR *Public Speaking I	SPT/COM 1113
Or *Natural Science w/Lab	4	OR *Social/Behavioral Science	3
*Humanities/Fine Arts	3	**Approved Technical Electives	7
*Social/Behavioral Science	3		
Smart Start Pathway	SSP 1002		
Total	***14-15 hrs.	Total	***10 hrs.

An Advanced Technical Certificate may be earned at this point.

***An AAS Degree may be earned at this point
for successful completion of these academic courses
in addition to the technical courses.**

Interior Design is a program that prepares individuals to apply artistic principles and techniques to the professional planning, designing, equipping, and furnishing of residential and commercial interior spaces. The program includes instruction in computer applications, drafting, and graphic techniques in both residential and commercial environments. Upon successful completion of the curriculum, the graduate may earn a Technical Certificate or an Associate of Applied Science Degree (AAS) in Interior Design.

**Approved Technical Electives: ENT 1154, ENT 1183, ENT 2243, ENT 2713, ENT 2923

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

***Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Heating, Ventilation, AC & Refrigeration Technology
Service & Installation Concentration

First Year

First Semester		Second Semester	
Intro/HVACR	ACT 1003	Controls	ACT 1214
Basic Compression	ACT 1124	HVACR I	ACT 2414
Brazing and Piping	ACT 1133	HVACR II	ACT 2424
Refrig Systems Comp	ACT 1313	Refrig/Retro/Reg	ACT 2433
Electricity for HVACR	ACT 1713	Heating Systems	ACT 2513
Smart Start Pathway	SSP 1002		
Total	18 hrs.	Total	18 hrs.

A Technical Certificate may be earned at this point.

Summer Semester

Commercial Refrig	ACT 2324	Heat Load Air	ACT 2624
Approved Elective	1		
Total		9 hrs.	

An Advanced Technical Certificate may be earned at this point.

Second Year

First Semester

English Composition I	ENG 1113	
English Composition II	ENG 1123	
OR Public Speaking I	SPT/COM 1113	
OR Social/Behavioral Science	3	
College Algebra	MAT 1313	
OR Natural Science w/Lab	4	
Humanities/Fine Arts	3	
Social/Behavioral Science	3	
Total	15-16 hrs.	

An AAS Degree may be earned at this point.

Heating, Ventilation, Air Conditioning, & Refrigeration Technology is a post-secondary instructional program that prepares individuals to work in engineering departments or private firms installing, maintaining, and operating small or medium air conditioning, heating, and refrigeration systems. Instruction prepares individuals to work in a commercial setting performing special tasks relating to designing ductwork, assembly, installation, servicing, operation, and maintenance of heating, cooling, and refrigeration systems according to the standards of the American Society of Heating, Refrigeration, and Air Conditioning Engineers, Inc. and Air Conditioning Contractors of America (ACCA), Air-Conditioning Heating Refrigeration Institute (AHRI), and others. Included are air conditioning, heating, and refrigeration devices; equipment, techniques, and systems; and maintenance and operation of these systems.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Industrial Mechanics and Maintenance Technology
Electro-Mechanical Technology

First Year

First Semester			Second Semester	
CAD I	DDT/ENT 1313		Fluid Power	IMM 1473
IMM Core & Safety	IMM 1113		Industrial Electricity II	IMM 1823
Indus. Control Systems	IMM 1483		Manufacturing Skills	IMM 1933
Industrial Electricity I	IMM 1813		Smart Start Pathway	SSP 1002
*Approved Technical Elective	3		*Approved Technical Electives	6
Total	15 hrs.		Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester			Second Semester	
Equip Main/Trouble	IMM 2113		English Composition I	ENG 1113
Power Tools, Mach, & Mat	IMM 2123		English Composition II	ENG 1123
Electronic Motion Control	IMM 2433		OR Public Speaking I SPT/COM1113	
PLC Multi-Platform	IMM 2513		OR Social/Behavioral Science	3
*Approved Technical Elective	3		College Algebra	MAT 1313
			OR Natural Science w/Lab	4
			Humanities/Fine Arts	3
			Social/Behavioral Science	3
Total	15 hrs.		Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.   **An AAS Degree may be earned at this point.**

   Electro-Mechanical Technology is a technical program designed to prepare students for entry-level employment as multi-skilled industrial maintenance technicians. Electro-mechanical technicians are responsible for assembling, installing, and maintaining/repairing electrical, mechanical, and automated equipment used in manufacturing or industrial environment. Students receive basic instruction in a wide variety of areas including safety, machinery maintenance and trouble-shooting/service, blueprint reading, basic machining, fundamentals of industrial electricity, CAD, fluid power, industrial controls, and PLC programming.

*Approved Technical Electives: IMM 1243, IMM 1253, IMM 1373, IMM 1733, IMM 1913, IMM 2613, IMM 2623, WBL 1913, or other technical or academic elective approved by advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Industrial Mechanics and Maintenance Technology
Industrial Maintenance Technology

First Year

First Semester		Second Semester	
Indus Maint Core & Safety	IMM 1113	Mechanical IMM II	IMM 1253
Intro to Indust Maint	IMM 1213	Robotic Controls & App	IMM 1373
Mechanical IMM I	IMM 1243	Fluid Power	IMM 1473
Industrial Control Sys	IMM 1483	Adv. Electricity/IMM	IMM 1823
Indus. Electricity/IMM	IMM 1813	Smart Start Pathway	SSP 1002
		*Approved Technical Elective	3
Total	15 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Special Project in IMM	IMM 1913	English Composition I	ENG 1113
Electronic Motion Ctrl	IMM 2433	English Composition II	ENG 1123
Program Logic Control	IMM 2613	OR Public Speaking I SPT/COM1113	
Advanced PLC	IMM 2623	OR Social/Behavioral Science	3
*Approved Technical Elective	3	College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/FineArts	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point

An AAS Degree may be earned at this point.

Industrial Maintenance Technology program offers a Technical Certificate, Advanced Technical Certificate and an Associate of Applied Science (AAS) degree option that provide individuals with the basic concepts necessary to install, operate, maintain and repair electrical, mechanical and automated systems and equipment in automation, controls and industrial maintenance positions. Students receive instruction in safety, fundamentals of industrial electricity, mechanical drive systems, programmable logic controllers (PLCs), robotics, fluid power, motor controls and process control systems.

*Approved Technical Electives:
ENT 1313, IMM 1313, IMM 2113, WBL 191(1-3), and WBL 192(1-3), or other technical or academic elective approved by advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Precision Machining Technology

First Year

First Semester		Second Semester	
Manufacturing Skills	IMM 1933	Prin/Hydraulics & Pneu	IMM 1313
Power Machinery I	MST 1114	Power Machinery II	MST 1124
Machine Tool Math	MST 1313	Adv Blueprint Read	MST 1423
Blueprint Reading	MST 1413	Smart Start Pathway	SSP 1002
Precision Layout	MST 1613	*Approved Electives	4
Total	16 hrs.	Total	16 hrs.

A Technical Certificate may be earned at this point

Second Year

First Semester		Second Semester	
English Composition I	ENG 1113	English Composition II	ENG 1123
College Algebra	MAT 1313	OR Public Speaking I	SPT/COM 1113
OR Natural Science w/Lab	4	OR Social/Behavioral Science	3
Power Machinery III	MST 2134	Humanities/Fine Arts	3
CNC Operations I	MST 2714	Social/Behavioral Science	3
		Power Machinery IV	MST 2144
		CNC Operations II	MST 2724
Total	**14-15 hrs.	Total	17 hrs.

An AAS Degree may be earned at this point.

Precision Machining Technology leading to a Technical Certificate or AAS, is a program that provides individuals with the skills to fabricate and/or repair metal products using a variety of metalworking equipment and processes. Students enrolled in our machining program are prepared to enter the work force as an entry-level machinist. This involves learning the skills and techniques needed to interpret blueprints, set up manual machines, perform basic and advanced machining operations, and make decisions to insure that work quality is maintained. Employment opportunities for machining technicians exist in manufacturing industries, public institutions, governmental agencies and in a wide range of specialty machining job shops.

*Approved Electives: DDT 2273, EET 1114, 1123, ELT 1413, 2613, 2623, ENT 1114, 1154, 2323, 2263, IMM 1913, 192(1-6), INT 1214, 2114, MFT 2913, MST 291(1-3), WBL 191(1-3), 192(1-3). Any other technical or academic course approved by the advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

**Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Industrial Studies Pathway
Welding and Cutting Technology

First Year

First Semester		Second Semester	
Shielded Metal Arc		Gas Metal Arc	
Welding I (SMAW)	WLT 1115	Welding (GMAW)	WLT 1124
Introduction to		Gas Tungsten Arc	
Welding and Safety	WLT 1173	Welding (GTAW)	WLT 1135
Shielded Metal		Flux Cored Arc	
Arc Welding II	WLT 1225	Welding (FCAW)	WLT 1143
Cutting Processes	WLT 1313	Blueprint Reading, Welding	
Work-Based Learning I	WBL 1911	Symbols, & Metallurgy	WLT 1232
		Smart Start Pathway	SSP 1002
Total	17 hrs.	Total	16 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Pipe Welding	WLT 1154	English Composition I	ENG 1113
Advanced Pipe Welding	WLT 1252	English Composition II	ENG 1123
*Approved Electives	9	OR Public Speaking I	SPT/COM1113
		OR Social/Behavioral Science	3
		College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.	**An AAS Degree may be earned at this point.**

The **Welding and Cutting Technology** program prepares students for entry level employment in the field of welding and cutting. Students will develop skills in the use of arc welders, oxyacetylene torches, and plasma cutting machines. Gas tungsten arc welding techniques are taught on both ferrous and nonferrous materials. Classroom instruction is provided in blueprint, welding, welding theory, and welding machines.

*Approved Electives: WLT 1162, WLT 1912, WLT 192(1-6), WLT 2812, WLT 2913, or any other technical or academic course approved by advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Pages 257 – 269 Revise all *Professional Studies Pathway* Programs of Study to adopt *General Education Core* requirements as outlined in Bulletin page 41 and implement *SSP 1002 Smart Start Pathway* course in all programs of study.

Professional Studies Pathway
Business Technology
Accounting Technology

Accounting Technology prepares students for entry-level accounting positions in accounts payable, accounts receivable, payroll, and inventory as well as enhances the skills of persons currently employed in accounting who wish to advance.

First Year

First Semester		Second Semester	
Microsoft Word I	BOT 1233	Business Accounting	BOT 1433
Intro to Microsoft Office	BOT 1273	Microsoft Excel I	BOT 1823
Applied Business Math	BOT 1313	Career Readiness	BOT 2183
Intro to Business Mgmt	BOT 1453	QuickBooks	BOT 2433
Commun. Essentials	BOT 1763	Prin. of Bus. Finance	BOT 2623
		Smart Start Pathway	SSP 1002
Total	15 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Adv. Business Accounting	BOT 1443	English Composition I ENG 1113	
Microsoft Excel II	BOT 1853	English Composition II ENG 1123	
Income Tax Accounting	BOT 2423	OR Public Speaking I SPT/COM1113	
Payroll Accounting	BOT 2463	OR Social/Behavioral Science	3
Cost Accounting	BOT 2473	College Algebra MAT 1313	
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15/16 hrs.

An Advanced Technical Certificate may be earned at this point.	**An AAS Degree may be earned at this point.**

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Business Technology
Administrative Office Technology

Administrative Office Technology provides training in administrative office procedures, integrated computer applications, business financial systems, communication, and related technologies.

First Year

First Semester		Second Semester	
Microsoft Word I	BOT 1233	Business Accounting	BOT 1433
Intro to Microsoft Office	BOT 1273	Social Media Mgmt	BOT 1493
Applied Business Math	BOT 1313	Microsoft Excel I	BOT 1823
Intro to Business Mgmt	BOT 1453	Career Readiness	BOT 2183
Commun. Essentials	BOT 1763	Human Resource Mgmt	BOT 2233
		Smart Start Pathway	SSP 1002
Total	15 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Microsoft Word II	BOT 1243	English Composition I	ENG 1113
Records Management	BOT 1413	English Composition II	ENG 1123
Microsoft Excel II	BOT 1853	OR Public Speaking I	SPT/COM1113
Microsoft Access	BOT 2333	OR Social/Behavioral Science	3
QuickBooks	BOT 2433	College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15/16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Business Technology
Billing & Coding Technology

Billing & Coding Technology is designed to prepare students to work in in hospitals, doctors' offices, health clinics, insurance companies, and other health-related organizations. The student will develop proficiency in coding certification competencies in preparation to sit for a national exam, such as Certified Coding Associate (CCA), Certified Coding Specialist (CCS) or Certified Professional Coder (CPC).

First Year

First Semester		Second Semester	
Microsoft Word I	BOT 1233	Business Accounting	BOT 1433
Intro to Microsoft Office	BOT 1273	Medical Terminology II	BOT 1623
Applied Business Math	BOT 1313	Med Machine Trans I	BOT 2523
Medical Terminology I	BOT 1613	Med Office Concepts	BOT 2743
Commun. Essentials	BOT 1763	Elec Health Records	BOT 2763
		Smart Start Pathway	SSP 1002
Total	15 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Microsoft Excel I	BOT 1823	English Composition I	ENG 1113
CPT Coding	BOT 2643	English Composition II	ENG 1123
ICD Coding	BOT 2653	OR Public Speaking I	SPT/COM1113
Advanced Coding	BOT 2663	OR Social/Behavioral Science	3
Med Insurance Billing	BOT 2673	College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15/16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Business Technology
Business Management Technology

Business Management Technology provides students with a relevant professional management education and effective approaches to technology, entrepreneurship, human resource, and management information. The student will develop skills in innovative aspects of technology and business management with an emphasis on project-based learning and field externships.

First Year

First Semester		Second Semester	
Microsoft Word I	BOT 1233	Business Accounting	BOT 1433
Intro to Microsoft Office	BOT 1273	Intro to Marketing	BOT 1473
Applied Business Math	BOT 1313	Social Media Mgmt	BOT 1493
Intro to Business Mgmt	BOT 1453	Career Readiness	BOT 2183
Commun. Essentials	BOT 1763	Human Resource Mgmt	BOT 2233
		Smart Start Pathway	SSP 1002
Total	15 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Microsoft Word II	BOT 1243	English Composition I	ENG 1113
Microsoft Excel I	BOT 1823	English Composition I	ENG 1123
QuickBooks	BOT 2433	OR Public Speaking I	SPT/COM1113
Entrepre Problem Solving	BOT 2613	OR Social/Behavioral Science	3
BOT Externship/Seminar	BOT 2923	College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15/16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Business Technology
Medical Office Technology

Medical Office Technology is designed to prepare students to work in office positions in hospitals, doctors' offices, health clinics, insurance companies, and other health-related organizations. The student will develop skills using medical terminology, accounting, transcription coding, and computer software applications.

First Year

First Semester		Second Semester	
Microsoft Word I	BOT 1233	Business Accounting	BOT 1433
Intro to Microsoft Office	BOT 1273	Medical Terminology II	BOT 1623
Applied Business Math	BOT 1313	Med Machine Trans I	BOT 2523
Medical Terminology I	BOT 1613	Medical Office Concept	BOT 2743
Commun. Essentials	BOT 1763	Elec Health Records	BOT 2763
		Smart Start Pathway	SSP 1002
Total	15 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Microsoft Excel I	BOT 1823	English Composition I	ENG 1113
Career Readiness	BOT 2183	English Composition I	ENG 1123
QuickBooks	BOT 2433	OR Public Speaking I	SPT/COM1113
CPT Coding	BOT 2643	OR Social/Behavioral Science	3
ICD Coding	BOT 2653	College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15/16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Conservation Law Enforcement Technology

First Year

First Semester			Second Semester	
Intro/Criminal Justice	CRJ 1313		Criminology	CRJ 1383
English Composition I	ENG 1113		Silviculture I	FOT 2614
Applied Dendrology	FOT 1714		Special Problem	
Forest Surveying	FOT 2124		in Conservation Law	FOT 2944
*App Natural Science w/Lab	4		College Algebra	MAT 1313
			OR *Natural Science w/Lab	4
			Social/Behavioral Science	3
Total	18 hrs.		Total	17-18 hrs.

Second Year

First Semester			Second Semester	
Survey/Micro Apps	CPT 1323		Applied Soil	
English Composition II	ENG 1123		Conservation	AGT 1714
OR Public Speaking I	SPT/COM 1113		Criminal Investigation	CRJ 2333
OR Social/Behavioral Science	3		Juvenile Justice	CRJ 2513
Apps GIS/GPS Forestry	FOT 2214		Timber Harvesting	FOT 2424
Intern for Specialization	FOT 2923		OR Forest Measure	FOT 1114
OR Work-Based Learning I	WBL 1913		Humanities/Fine Arts	3
Smart Start Pathway	SSP 1002			
Total	15 hrs.		Total	17 hrs.

An AAS Degree may be earned at this point.

*For those students wishing to continue to MSU, BIO 1314, and BIO 2414 will be needed.

    Conservation Law Enforcement Technology is a two-year program of study that prepares the graduate for entry-level employment as a Conservation Law Enforcement Officer (game warden) in the state of Mississippi. The program blends technical courses in forestry and academic courses in criminal justice with other academic courses, including the core. The Associate of Applied Science degree is earned upon successful completion of the program.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Cosmetology

First Year

First Semester		Second Semester	
Cosmetology Orientation	COV 1123	Cosmetology Science II	COV 1255
Cosmetology Science I	COV 1245	Hair Care II	COV 1436
Hair Care I	COV 1426	Nail Care II	COV 1532
Nail Care I	COV 1522	Skin Care II	COV 1632
Skin Care I	COV 1622	Salon Business I	COV 1722
		Smart Start Pathway	SSP 1002
Total	18 hrs.	Total	19 hrs.

Summer Term
Third Semester

Cosmetology Science III	COV 1263	Nail Care III	COV 1542
Hair Care III	COV 1443	Skin Care III	COV 1642
Salon Business II	COV 1732		
Total		12 hrs.	

A Career Certificate may be earned at this point.

The **Cosmetology** program prepares individuals with the theory and skills to care for hair, nails, and skin with emphasis on hygiene, sanitation, customer relations, and salon management. Satisfactory completion of the courses qualifies students for the Mississippi State Board of Cosmetology certification examination. The Cosmetology curriculum is designed to comply with the standards of the Mississippi State Board of Cosmetology and the requirement for 1500 contact hours for students. Students are required to receive 230 hours of theory (a minimum of six hours per week throughout the entire period of instruction, conducted in a separate classroom by a licensed instructor), 1200 hours of supervised skill preparation and clinic work, and 70 hours assigned at the instructor's discretion as needs of individual students dictate. Successful completion of the program entitles students to a Cosmetology Certificate and qualifies them for licensing examinations as cosmetologists, estheticians, manicurists, conducted by the Mississippi State Board of Cosmetology.

Students applying to the cosmetology program must have a minimum of a 14 on the ACT or appropriate ACCUPLACER test scores. In addition, students applying to the cosmetology program must meet the requirements for prior educational credit as established by the MS State Board of Cosmetology for the state licensure exam. In order for prior education (typically a diploma from a regionally-accredited high school or an official GED) to be verified, applicants must submit copies of their transcripts (high school and/or college) to the Office of Admissions by August 1. Only applicants whose education is accepted by the State Board of Cosmetology will be eligible to enter the program. Transcripts may be mailed to the Holmes CC Cosmetology Department, PO Box 409, Goodman, MS 39079.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Criminal Justice Administration Technology
First Year

First Semester		Second Semester	
Intro/Criminal Justice	CRJ 1313	Police Admin/Organiz	CRJ 1323
Intro/Corrections	CRJ 1363	Police Operations	CRJ 2313
Criminology	CRJ 1383	Criminal Investigation	CRJ 2333
Criminal Law	CRJ 2323	*Approved Elective	6
*Approved Elective	3		
Total	15 hrs.	Total	15 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Intro/Homeland Security	CRJ 1373	English Composition I	ENG 1113
OR Found Home Sec & Ter	CJT 2743	English Composition II	ENG 1123
Survey of Criminalistics	CRJ 2393	OR Public Speaking I	SPT/COM1113
Admin of Criminal Procedure	CRJ 2413	OR Social/Behavioral Science	3
OR Criminal Procedures	CJT 2813	College Algebra	MAT 1313
Juvenile Justice	CRJ 2513	OR Natural Science w/Lab	4
*Approved Elective	3	Humanities/Fine Arts Elective	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

The Criminal Justice Administration Technology program will prepare the graduate for employment opportunities in the field of criminal justice in the areas of law enforcement, corrections, and security. The program provides the student with core courses but focuses primarily on criminal justice courses addressing different aspects of the field such as police, courts, and corrections. The program offers a Technical Certificate, an Advanced Technical Certificate and an AAS degree.

*Approved Technical Electives: CRJ 1343, CRJ 1353, CRJ 2713, CRJ 2723, CRJ 2733, LET 1123, LET 2313, LET 2333, LET 2383, LET 2653, MFL 2513, PSC 1113, SSP 1002, WBL 1913, or WBL 1923, or any other technical or academic course approved by advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Culinary Arts Technology

First Year

First Semester		Second Semester	
Culinary Principles I	CUT 1114	Culinary Principles II	CUT 1124
Intro. to Culinary Arts	CUT 1153	Principles of Baking	CUT 1135
Sanitation and Safety	CUT 1213	Garde Manger	CUT 1513
Menu Planning & Facilities	CUT 2223	Smart Start Pathway	SSP 1002
*Approved Technical Elective	3	*Approved Technical Elective	3
Total	16 hrs.	Total	17 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
American Region. Cuisine	CUT 2314	English Composition I	ENG 1113
International Cuisine	CUT 2424	English Composition I	ENG 1123
*Approved Technical Electives	7	OR Public Speaking I SPT/COM1113	
		OR Social/Behavioral Science	3
		College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

Culinary Arts Technology program provides a solid foundation in the methods and science of cooking through exposure to classical American and international cuisine as well as the art of baking and pastries. Special emphasis is placed on culinary tools, equipment, techniques, and specialty ingredients. The heart of the Culinary Arts Technology program is hands-on lab instruction by a chef instructor in a commercial kitchen.

*Approved Technical Electives: BOT 1273, BOT 1313, BOT 1763, BOT 1823, BOT 2433, BPT 1224, BPT 1234, BPT 2334, CUT 1613, CUT 2243, CUT 2923, WBL 1913, WBL 1923, or other technical or academic elective approved by instructor/advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Forest Technology

First Year

First Semester		Second Semester	
Survey/Micro Apps	CPT 1323	Legal Environ/Bus	BAD 2413
OR Intro to Microsoft Office	BOT 1273	OR Princ of Accounting I	ACC 2213
English Composition I	ENG 1113	Forest Measurements I	FOT 1114
Applied Dendrology	FOT 1714	Silviculture I	FOT 2614
Introduction to Forestry	FOT 1813	Humanities/Fine Arts	3
Forest Surveying	FOT 2124	App Natural Science w/Lab	4
Total	17 hrs.	Total	18 hrs.

Second Year

First Semester		Second Semester	
English Composition II	ENG 1123	Applied Soil	
OR Public Speaking I	SPT/COM 1113	Conservation	AGT 1714
OR Social/Behavioral Science	3	Special Problem	
College Algebra	MAT 1313	in Forest Technology	FOT 2914
OR Natural Science w/Lab	4	Special Problem	
Social/Behavioral Science	3	in Conservation Law	FOT 2944
Apps GIS/GPS Forestry	FOT 2214	Smart Start Pathway	SSP 1002
Timber Harvesting	FOT 2424	Work-Based Learning I	WBL 1913
Total	17-18 hrs.	Total	17 hrs.

An AAS Degree may be earned at this point.

Forest Technology is an intensive program of instruction and training to prepare individuals for service in different aspects of forest management operations. Major topics of the program include: the role of foresters in society; the identification and valuation of forest and ornamental woody species; the manipulation of forest stands to produce specific benefits; the impacts of fire, insects, and disease in forest stands; forest measurement and mapping methods; and timber harvesting and utilization systems. Emphasis throughout the program is placed upon developing strong communication skills through written and oral assignments and upon developing a professional attitude of conduct.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Information Systems Technology
Computer Networking Technology

First Year

First Semester		Second Semester	
Fundamentals of Data		Principles of Information	
Communications	IST 1134	Security	IST 1143
Essentials of Information		Database & SQL Concepts	IST 1163
Systems Technology	IST 1183	Practical Applications in	
Client Installation		Information Technology	IST 1193
and Configuration	IST 1213	Network Components	IST 1223
Network Admin/Windows	IST 1244	Network Administration	
Visual Basic Programming	IST 1314	Using Linux	IST 1254
		Smart Start Pathway	SSP 1002
Total	18 hrs.	Total	18 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Network Planning		English Composition I	ENG 1113
& Design	IST 2224	English Composition II	ENG 1123
Network Implementation	IST 2234	OR Public Speaking I	SPT/COM 1113
Special Problem in		OR Social/Behavioral Science	3
Information Systems	IST 2921	College Algebra	MAT 1313
*Approved Electives	6	OR Natural Science w/Lab	4
		Humanities/Fine Arts	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.

An AAS Degree may be earned at this point.

Computer Networking Technology offers training in telecommunications, network administration, and client/server systems. An AAS degree is earned upon successful completion of the Computer Networking Technology curriculum. Successful completion of the first year entitles a student to a Technical Certificate in Network Operations. Students enrolling in the CNT Program must meet the general admission requirements for HCC; however, an ACT score of 18 is recommended for students considering this program.

*Approved Electives: IST 1314, IST 1433, IST 1723, IST 2374, IST 2464, Work-Based Learning, or other technical or academic elective approved by instructor/advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

First Year

First Semester		Second Semester	
Fundamentals of Data		Principles of Information	
Communications	IST 1134	Security	IST 1143
Essentials of IST	IST 1183	Database & SQL Concepts	IST 1163
Program. Princ. w/Swift	IST 1283	Practical App. in IST	IST 1193
Web Development Using		Mobile App Development	IST 2454
HTML & CSS	IST 1433	Smart Start Pathway	SSP 1002
*Approved Elective	3	**Programming Elective	3
Total	16 hrs.	Total	18 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
***Principles of Mobile App		English Composition I	ENG 1113
Development	IST 1454	English Composition II	ENG 1123
Script Programming	IST 2324	OR Public Speaking I	SPT/COM1113
**Programming Elective	4	OR Social/Behavioral Science	3
*Approved Elective	3	College Algebra	MAT 1313
		OR Natural Science w/Lab	4
		Humanities/Fine Arts	3
		Social/Behavioral Science	3
Total	15 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.	**An AAS Degree may be earned at this point.**

The Computer Programming – Apple/Swift Coding Academy is a program which offers training in the design of coding and testing of business applications, network management, and computer system operations. Opportunities for students with expertise in coding include industries such as health care, manufacturing, telecommunications, and computer consulting. An Associate of Applied Science degree is earned upon completion of the curriculum. Successful completion of the first year entitles a student to a Technical Certificate in Coding. Students enrolling in the Computer Programming – Apple/Swift Coding Academy program must meet the general admission requirements of HCC.

*Approved Electives: BOT 1273, CNT 2423, CPT 1333, IST 1213, IST 2314, IST 2533, IST 292(1-3), WBL 1913, WBL 1923 or other technical or academic elective approved by instructor/advisor.
**Programming Electives: IST 1314, IST 1714, IST, 1723, IST 2334, IST 2374, IST 2454, or other technical or academic elective approved by instructor/advisor.

***Principles of Mobile App Development requires students to have a Swift certification.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

Professional Studies Pathway
Paralegal Technology

First Year

First Semester		Second Semester	
Introduction to Law	LET 1123	Civil Litigation I	LET 2313
Legal Research	LET 1213	Torts	LET 2323
Family Law	LET 1513	Contracts & Bus. Law	LET 2373
Wills and Estates	LET 1523	*Approved Electives	6
Real Property I	LET 2453		
Total	15 hrs.	Total	15 hrs.

A Technical Certificate may be earned at this point.

Second Year

First Semester		Second Semester	
Legal Writing	LET 1713	English Composition I	ENG 1113
Civil Litigation II	LET 2333	English Composition II	ENG 1123
Law Office Management	LET 2653	OR Public Speaking I	SPT/COM 1113
Special Problems in Paralegal		OR Social/Behavioral Science	3
Technology	LET 2913	College Algebra	MAT 1313
Smart Start Pathway	SSP 1002	OR Natural Science w/Lab	4
*Approved Elective	3	Humanities/Fine Arts	3
		Social/Behavioral Science	3
Total	17 hrs.	Total	15-16 hrs.

An Advanced Technical Certificate may be earned at this point.	An AAS Degree may be earned at this point.

Paralegal Technology is designed to prepare a person for entry-level employment as a paralegal in courts, corporations, law firms, and government agencies. Paralegal Technology requires courses in the career technical core, designated areas of concentration, and the academic core. The program offers a Technical certificate, an Advanced Technical Certificate and an AAS degree. The curriculum is based on standards developed from the National Association of Legal Assistants' Descriptions of Certified Paralegal (CP) Exam Sections. Additional research data used in the development of this publication was collected from a review of related literature and from surveys of local experts in business, industry, and education.

*Approved Electives: BAD 2533, BOT 1233, BOT 1273, CRJ 2323, LET 2383, LET 2463, LET 2523, Work-Based Learning, or any other technical or academic course approved by advisor.

Assistance with math and/or reading will be available on a co-curricular basis to certificate-seeking students who lack entry-level skills in math and/ or reading.

Enrollment in a minimum of 15 hours each semester is recommended for eligibility for state aid, institutional scholarships, and the tuition break.

I certify the above amendment is true and correct in content and in policy.

Jenny Jones

_____   September 17, 2021__
Dr. Jenny Jones, Vice President for Academic Programs